



Certification under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with The United States Postal Service with sufficient postage as first class mail in an envelope addressed to THE COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450 on May 9, 2006.

Brian W. Hameder (Reg. No. 45,613)
Name

Brian W. Hameder
Signature

DOCKET: CU-4560

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jawad HAIDAR

Serial No.: 10/560,804

Group Art Unit:

Filed: December 15, 2005

Examiner:

For: A METHOD AND APPARATUS FOR THE PRODUCTION OF METAL
COMPOUNDS

THE COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE
MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of the first Office Action on the merits, whichever event occurs last. 37 CFR 1.97(b).

Date: May 9, 2006

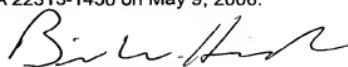
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INFORMATION DISCLOSURE STATEMENT

Applicants submit herewith patents, publications or other information of which the applicants are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose under 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The references submitted herein are listed on PTO-1449 form (modified) enclosed herewith. A copy of each reference listed is being furnished except any duplicate or cumulative patents or publications specified otherwise. Also, if the present application was filed after June 30, 2003, copies of US patents or published applications are not submitted in accordance with the USPTO Rule changes.

A translation of any foreign language reference, if any, is indicated in PTO-1449 form and being submitted herein if it is readily available. Otherwise it should be construed that such translation is not readily available.

Additional comments, if any, on the relevance of each reference listed are provided as follows:

Also submitted herein is a copy of the PCT Search Report which satisfies the requirement for a translation or concise explanation of any non-English reference cited therein, as provided in MPEP §609 A(3).

The Statement is made on the basis of the information:

- supplied by the inventor(s);
 supplied by an individual associated with the filing and prosecution
of this application (37 CFR 1.56(c)); or
 in the attorney's file.

Respectfully submitted,



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Date: May 9, 2006

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|--------------------------------------------------|--|----------------------|------------|
| FORM PTO-1449 | | ATTY. DOCKET NO. | SERIAL NO. |
| | | CU-4560 | 10/560,804 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | |
| (37 CFR 1.98(b)) | | | |
| APPLICANT Jawad HAIDAR | | | |
| FILING DATE December 15, 2005 | | GROUP 1793 | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT DOCUMENT | ISSUE/PUB DATE | PATENTEE | CLASS | SUB-CLASS | FILING DATE |
|------------------|-----------------|----------------|-----------------|-------|-----------|-------------|
| /W.Z./ | 2,745,735 | 05/15/56 | Byrns | | | |
| /W.Z./ | 5,935,293 | 08/10/99 | Detering, et al | | | |
| /W.Z./ | 2002/0184971 | 12/12/02 | Myrick | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| EXAMINER INITIAL | DOCUMENT NUMBER | PUBL. DATE | COUNTRY OR PATENT OFFICE | CLASS | SUB-CLASS | TRANSLATION YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |
|------------------|-----------------|------------|--------------------------|-------|-----------|---------------------------------------------------------------------------------|
| /W.Z./ | JP 52-078608 | 07/02/77 | Japan (abstract) | | | |
| /W.Z./ | RU2082561 | 06/27/97 | Russia (abstract) | | | |
| /W.Z./ | WO 92/14851 | 09/03/92 | PCT | | | |
| /W.Z./ | EP 0 134 643 | 06/29/84 | EPO | | | |
| /W.Z./ | DE 27 47 016 | 04/27/78 | Germany | | | |
| /W.Z./ | JP2001192711 | 07/17/01 | Japan (abstract) | | | |
| /W.Z./ | EP 0 097 135 | 12/28/83 | EPO | | | |
| /W.Z./ | GB 1 566 363 | 04/30/80 | United Kingdom | | | |
| /W.Z./ | EP 0 298 698 | 01/11/89 | EPO | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Place of publication)

| | |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| /W.Z./ | Okabe, et al., "Reaction Pathways during Metallothermic Reduction of TiCl ₄ by Utilizing Chemical Potential Diagrams," <i>Titanium Extracting and Processing</i> , 1997, pp. 133-150. |
| /W.Z./ | DeKock, et al., "Attempted Preparation of Ti-6-4 Alloy Powders from TiCl ₄ , Al, VCl ₄ and Na," <i>Metallurgical Transactions B</i> , Vol. 18B, September 1987, pp. 511-517. |
| /W.Z./ | Bartlett, et al., "Titanium Powder by Magnesium Reduction of TiCl in Liquid Zinc Alloy," <i>Light Metals</i> , 1994, pp. 1181-1186. |
| /W.Z./ | Lu, et al., "The Mechanical Alloying of Titanium Aluminides," <i>JOM</i> , February 2002, pp. 62-64. |
| /W.Z./ | Bertolino, et al. "Ignition mechanism in combustion synthesis of Ti-Al and Ti-Ni systems," <i>Intermetallics</i> 11, 2003, pp. 41-49. |
| /W.Z./ | Gerdemann, et al. "Titanium Aluminide Powder Production Via Reaction Between TiCl ₄ and Al," <i>Gamma Titanium Aluminides</i> , 1999, pp.341-346. |
| /W.Z./ | Chen, et al. "Direct electrochemical reduction of titanium dioxide to titanium in molten calcium chloride," <i>Nature</i> , Vol. 407, September 2000, pp.361-364. |
| /W.Z./ | Murphy, et al. "Equilibrium calculations of the reduction of titanium tetrachloride by aluminum and hydrogen," <i>High Temp. Chem Processes</i> 3, August 1994, pp.365-374. |
| /W.Z./ | Reddy, et al. "Thermodynamic properties of Ti-Al intermetallics," <i>Journal of Alloys and Compounds</i> 321, 2001, pp.223-227 |

(Form PTO-1449)

/Weiping Zhu/

06/26/2008